

Weekly Metrics for July 14 – 20, 2002

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements *	Actual (GB)	Footnote
Aqua (5/02)	AIRS	L0 Ingest	GSFC	98	1X Baseline	89	
		L1 Prod	GSFC	400	1X Baseline	103	A
		Archive	GSFC	498	1X Baseline	192	A
	AMSR-E	L0 Ingest	NSIDC	10	1X Baseline	6	
		L1 Ingest	NSIDC	10	1X Baseline	0	B
		L2 Prod	NSIDC	12	0.5X Baseline	0	C
		Archive	NSIDC	32	Baseline	6	
	MODIS	L0 Ingest	GSFC	469	1X Baseline	518	
		L1 Prod	GSFC	2,498	1X Baseline	1,682	
		L2-L4 Prod	MODAPS	801	0.5X Baseline	1,498	
		Archive	EDC	540	Baseline	947	
			GSFC	3,172	Baseline	2,686	
			NSIDC	56	Baseline	64	
		Distribution	GSFC				
		Testing/QA		362	IT Requirements	315	
		SIPS Production				478	
METEOR 3M (12/01)	SAGE III	Archive	LaRC	0.8	1X Baseline	0.8	
Terra (12/99)	ASTER	L1A Ingest	EDC	680	1X Baseline	208	D
		L1B Ingest	EDC	271	1X Baseline	101	D
		L2-L3 Prod	EDC	1,203	3X Baseline	59	D
		Archive	EDC	2,154	Baseline	370	D
		Distribution	EDC				
		End Users		1,352	1X Baseline	3,105	L, M, N, O
	CERES	Archive	LaRC	331	Baseline	390	
		Distribution	LaRC				
		Testing/QA		1,421	IT Requirements	28	
		End Users		117	1X Baseline	27	L, M, N
	MISR	L0 Ingest	LaRC	249	1X Baseline	283	
		L1 Prod	LaRC	3,323	3X Baseline	2,312	E
		L2-L3 Prod	LaRC	281	3X Baseline	70	E
		Archive	LaRC	3,853	Baseline	2,679	E
		Distribution	LaRC				
		End Users		1,201	1X Baseline	89	F, L, M, N
	MODIS	L0 Ingest	GSFC	469	1X Baseline	522	
		L1 Prod	GSFC	7,494	3X Baseline	2,724	G
		L2-L4 Prod	MODAPS	14,254	3X Baseline	10,548	G
		Archive	EDC	8,606	Baseline (L2-L4)	3,059	G
			GSFC	12,772	Baseline (L0-L4)	10,657	G
			JPL	0	Baseline (L2-3)	103	
			NSIDC	839	Baseline (L2-L3)	77	G, H
		Distribution	EDC				
		End Users		2,869	1X Baseline	671	F, L, M, N
		Distribution	GSFC				
		Testing/QA		362	IT Requirements	484	
		SIPS Production				10,122	
		End users		4,101	1X Baseline	1,832	F, M, N
		Distribution	JPL				
		End Users		0	Baseline	2	
		Distribution	NSIDC				
		End Users		280	1X Baseline	18	F, L, M, N
	MOPITT	L0 Ingest	LaRC	1.9	1X Baseline	2	
		L1 Prod	SIPS	1.7	3X Baseline	0	I
		L2 Prod	SIPS	1.7	3X Baseline	0	I

		Archive Distribution <i>End Users</i>	LaRC LaRC	5.3 1	Baseline 1X Baseline	2 2	I L, M, N
Landsat-7 (4/99)	ETM+	Archive Distribution	EDC EDC	1,071 58	250 Scenes ECS ICD	898 89	
Jason-1 (12/01)	Poseidon 2	Archive (L0+) Distribution	JPL JPL	 NA	 NA	2 9	
QuikScat (6/99)	SeaWinds	Archive (L0+) Distribution	JPL JPL	 109	 Weekly Average	45 296	J
TOPEX (8/92)	Poseidon	Archive (L1+) Distribution	JPL JPL	 24	 Weekly Average	0 80	J
Other Missions	AVHRR	Archive (L2+) Distribution	JPL JPL	 NA	 NA	0.1 60	K

Notes:

- A. Includes data volumes for 3 instruments (AIRS, AMSU, and HSB). Only L0 and a limited number of L1A products have been produced, as planned at this timeframe in the mission (AIRS is not in full science production).
- B. According to plans, NASDA sent no L1A data this period
- C. According to plans, no AMSR-E L2 products were generated and archived this period.
- D. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at EDC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements.
- E. Little reprocessing was done this period.
- F. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- G. Little reprocessing was done except for ocean products, as planned by MODIS science team.
- H. Ingest/archival of snow/ice products is dependent on MODAPS reprocessing schedule.
- I. According to plans, L1 and L2 data are not sent on a daily basis from the MOPITT SIPS to the DAAC.
- J. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year. There is currently no media distribution for JASON and AVHRR SST products.
- K. Includes distribution of educational materials in addition to AVHRR SST.
- L. Does not include distribution by subscription
- M. Does not include distribution by subsetting tool
- N. Does not include distribution by data pool
- O. Currently there is about 44 TB backlog against hard media distribution and it is increasing slowly.

* Baseline requirements refer to the September 2000 EOSDIS technical baseline (i.e., 3 X Baseline means three times the baseline). The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs).